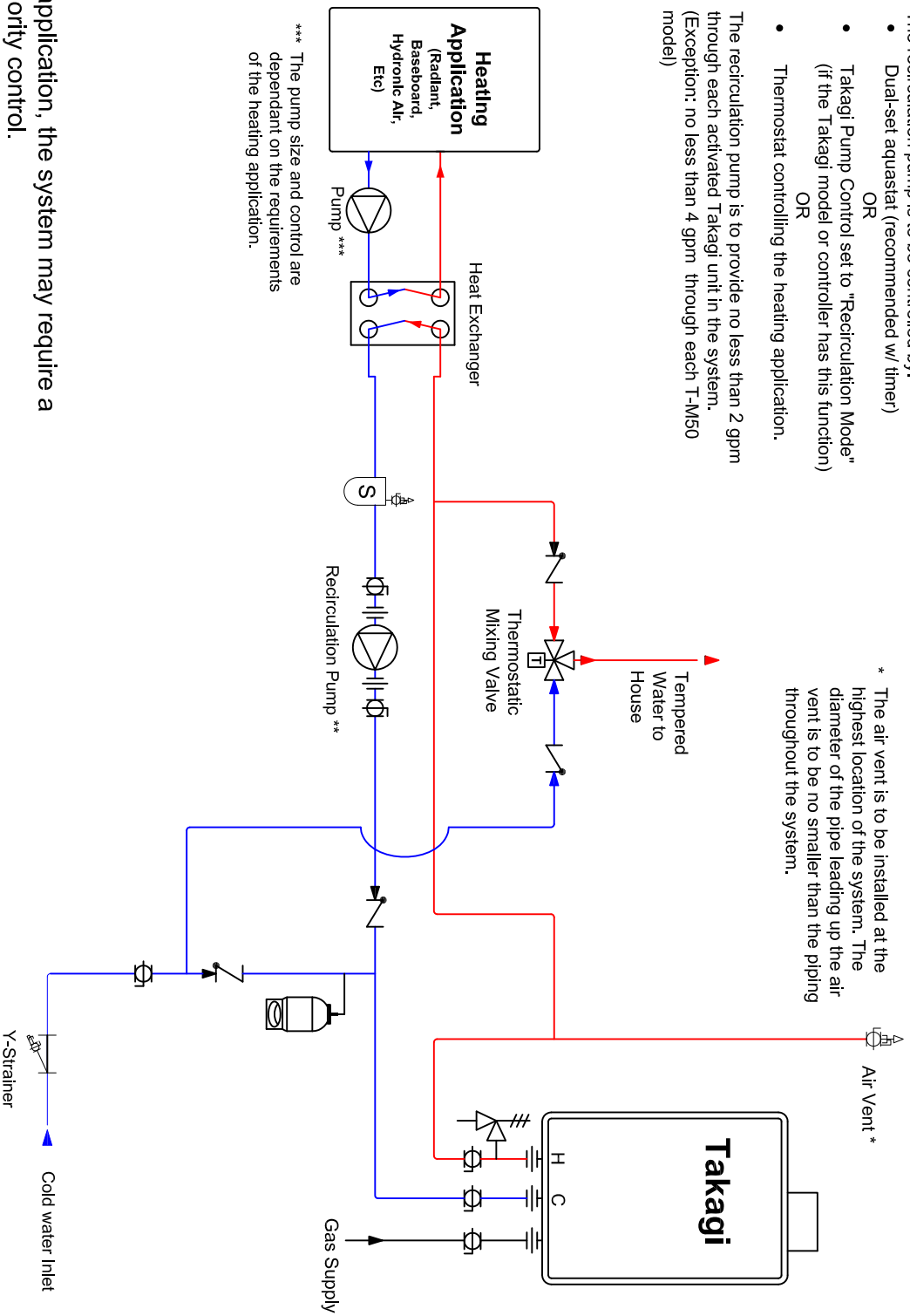


*This drawing is a concept diagram and is intended to be used ONLY as a basic guide. Applications must be designed by a professional application engineer or designer. Local and State Codes also dictate correct installation. There are many factors that change from application to application and every individual application will differ in some way. Each application component must be sized correctly by a professional.*

- \*\* 1. The recirculation pump is to be controlled by:
- Dual-set aquastat (recommended w/ timer)
  - OR
  - Takagi Pump Control set to "Recirculation Mode" (if the Takagi model or controller has this function)
  - OR
  - Thermostat controlling the heating application.
2. The recirculation pump is to provide no less than 2 gpm through each activated Takagi unit in the system.  
(Exception: no less than 4 gpm through each T-M50 model)



\* The air vent is to be installed at the highest location of the system. The diameter of the pipe leading up the air vent is to be no smaller than the piping throughout the system.

\*\*\* The pump size and control are dependant on the requirements of the heating application.

Depending on the application, the system may require a priority switch or priority control.

Title:

# Heating Application w/ Indirect Heat Exchanger

Date:

08/19/2009

Drawing No. 001-006-DHE-4



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